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23 July 1964
Copy 1

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MEMORANDUM FOR:

25X1

ATTENTION:

THROUGH:

FROM:

SUBJECT: Mensural Data on Selected Facilities at Tyura Tam
Missile Test Center

REFERENCES:

Declass Review by
NIMA/DOD

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1. This memorandum is in response to your requirement dated 29 June 1964 in which you request mensural data, sketches and enlargements of specific items at Launch Complexes B and G, Tyura Tam Missile Test Center derived from [redacted] Mission [redacted]

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2. Included as attachments to this memorandum are the photographic enlargements of Complexes B and G, as requested, plus line drawings of the launch stand at Complex B, the gantry at launch area G-4 [redacted]

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On the launch stand at Launch Complex B, two horizontal booms measuring [redacted] extend from the base of the gantry which measures [redacted] (Figure 1). Braces appear to extend from the corners of the structure to the launch platform. The gantry and booms appear to consist of heavy materials and may possibly be enclosed with a solid covering; however, construction details cannot be discerned on available photography. At Launch Area G-4 the gantry is positioned 1170 feet to the rear of the launch pad (Figure 2). The shadow of this gantry indicates that it is either solid or almost solid as no indications of lattice work can be identified. The gantry is 200 feet high and 70 feet wide and appears as wide at the top as it does at the base, indicating that the sides are close to vertical. It appears to be 20 to 25 feet wide in what would be the direction of movement. The shadow clearly shows an open area in the upper half of the structure, starting 125 feet above the ground. The opening is rectangular and measures 65 by 40 feet, and is enclosed on the sides and top by members 15 feet wide.

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GROUP 1
Excluded from automatic
downgrading and
declassification

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Tyura Tam Missile Test Center

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On the side of the gantry away from the launch pad, two parallel members
are positioned in line with the expected direction of gantry motion.
These each measure 30 by 50 feet, are approximately [redacted]
may house the transport mechanism for the tower.

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4. The photo analyst on this project [redacted] who may be contacted
on extension should you have any further questions concerning this project.

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5. This project is considered to be

Enclosures:

1 - Three (3) line drawings

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2 - Two 40x enlargements

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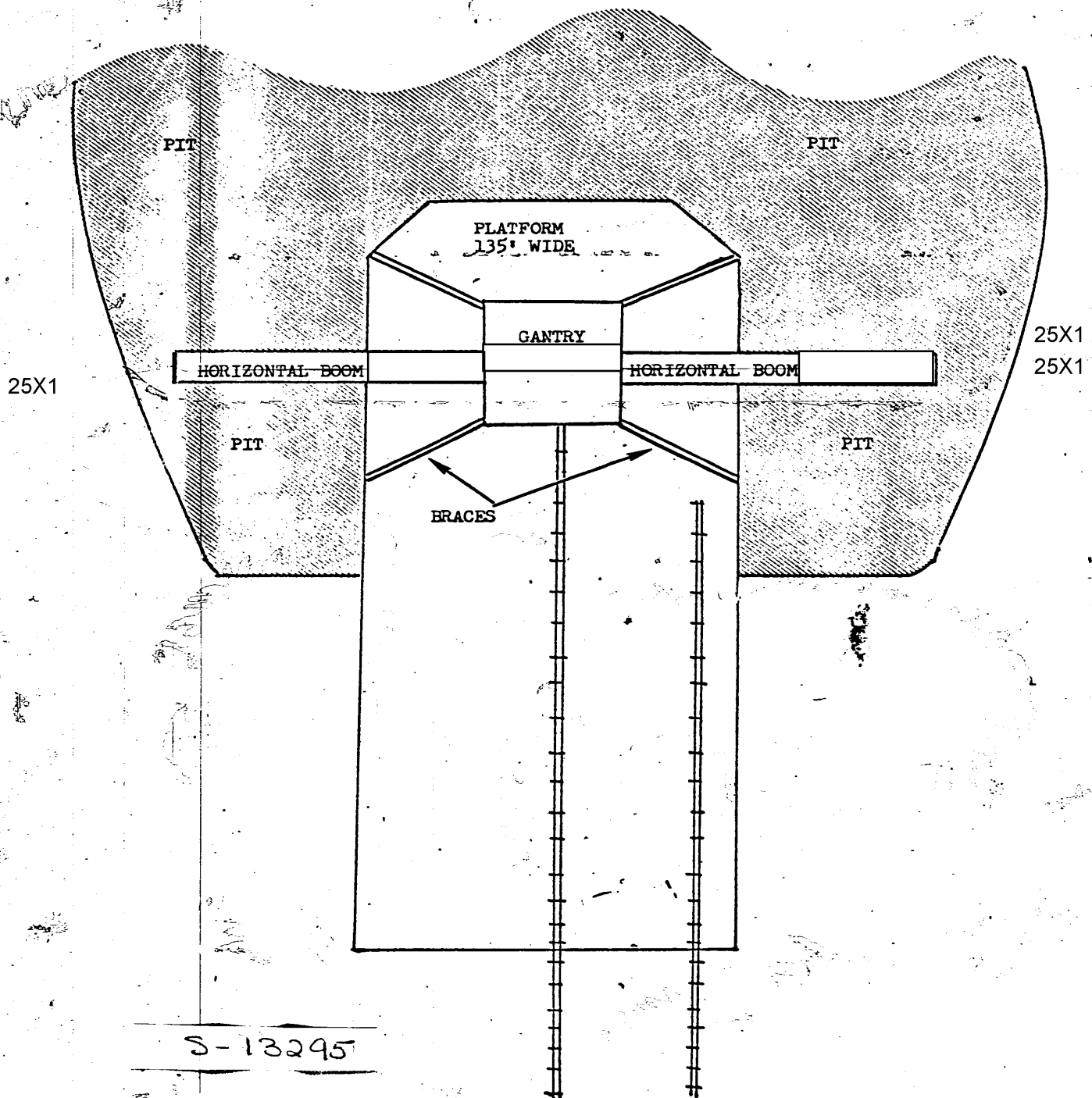
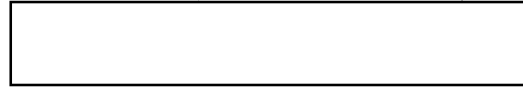
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LAUNCH COMPLEX B , TYURA TAM

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Figure 1

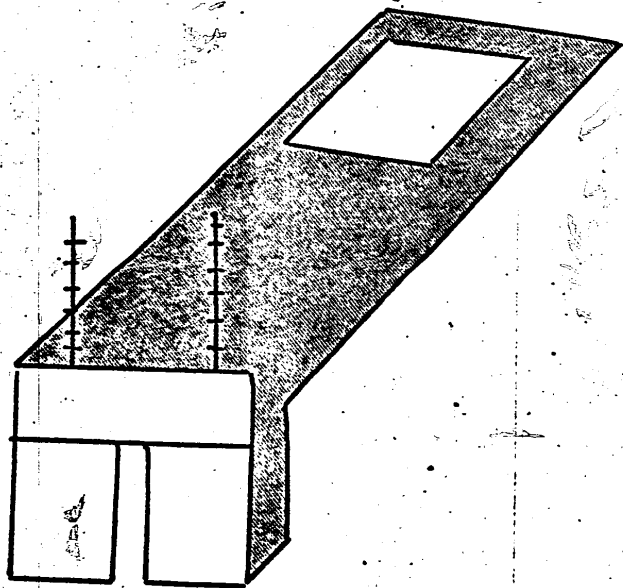
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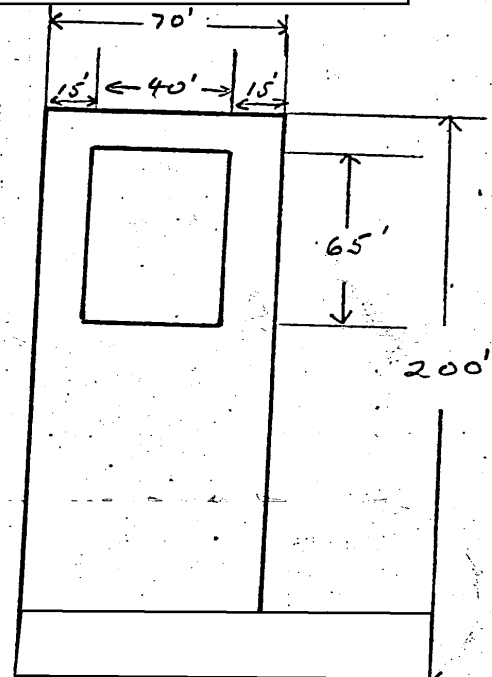
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GANTRY AT LAUNCH AREA G-4, TYURA TAM;

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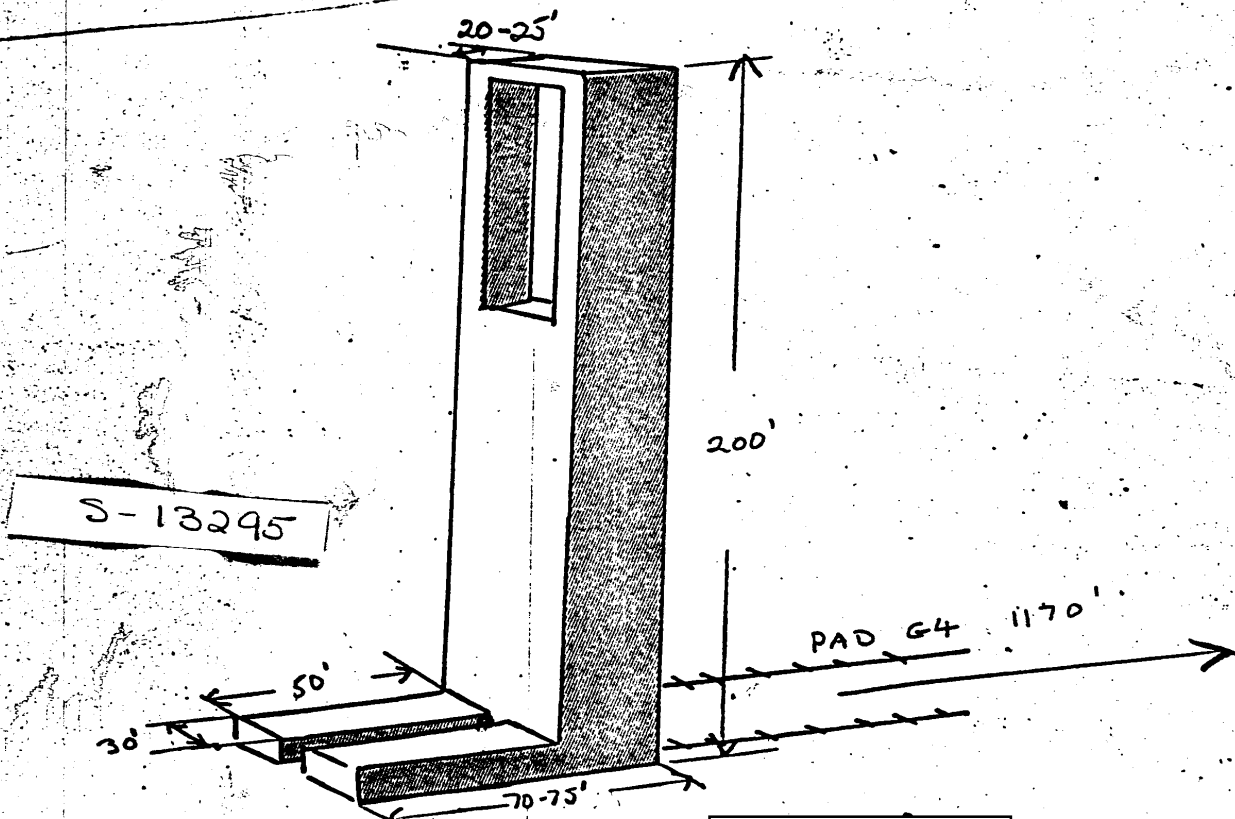


GANTRY AND SHADOW
AS IMAGED ON PHOTOGRAPHY



HORIZONTAL VIEW OF GANTRY
DERIVED FROM PHOTOGRAPHY

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PERSPECTIVE VIEW OF GANTRY AS DERIVED

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Next 2 Page(s) In Document Exempt

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